

1952

WELSH BOARD OF HEALTH  
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Carmarthen Urban Sanitary Authority

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Eightieth

# Annual Report

of the Sanitary Conditions of  
the County of the Borough of  
Carmarthen

*by*

ELFYN T. JONES

B.Sc., M.R.C.S., L.R.C.P., D.P.H.

Medical Officer of Health



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## PREFACE

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To the Mayor, Aldermen and Members of the Council of the  
Borough of Carmarthen.

I beg to present my Annual Report for the year ended 31st December, 1952.

During the year the provision of houses was the major problem which had to be faced. In order to expedite house production the Council undertook the erection of non-traditional houses, and it is to be hoped that their completion will see a decided improvement in the housing problem. The hutted camps are still a matter of concern, especially that at Ystrad Tywi. The majority of these huts are beyond repair, and as they become vacated they are demolished or sold, but certainly not relet. As a result of the increased allocation to the hutments, the date of termination of these hutted camps is brought nearer.

During the year there was a decided decrease in the birth-rate, from a total of 163 to 134. It appears as though the spurt which occurred during the war and immediate post-war years has stopped, and it appears as though we are once again returning to the limitation of size of family. This decrease, when considered in relation to the increase in the aged population, may have serious repercussions in the years to come. However, any measures to deal with this matter will obviously have to be of a national rather than a local character.

In recent years it has been very noticeable that "Coronary Disease" accounts for a very large proportion of those certified deaths formerly grouped under "Diseases of the Heart." This year "Coronary Disease" accounts for some 44%, a slight increase on former years, and there appears to be no doubt that the stress and strain of this modern age with its emphasis on speed and crises (International and National) have a decided influence on the prevalence of this condition.

During the year there was no increase in the number of deaths from cancer, and by far the majority of deaths occurred in persons over 55 years of age.

Later on in the Report I have drawn attention to the water supply of the Borough, and once more I must emphasise the urgency of dealing with this matter.

Again I would urge upon the Council the provision of facilities for outdoor recreation for both young and old. Such facilities are urgently needed, especially for the younger population, as healthy outdoor recreation would maintain, not only a healthy body, but certainly tend to produce a healthy mind, and probably a decided decrease in juvenile crime.

I wish to gratefully acknowledge the work carried out by my Staff, and to thank the Members of the Council for the wholehearted manner in which they have supported me.

I wish to thank my colleagues and their staff for their continued support and help.

I am,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

ELFYN T. JONES,

Medical Officer of Health

**STAFF.**

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Medical Officer of Health :

ELFYN T. JONES, B.Sc., M.R.C.S., L.R.C.P., D.P.H.

Clerk to the County of the Borough of Carmarthen :

D. MYRDDIN THOMAS, Esq.

Borough Engineer and Surveyor :

E. GOOSEMAN, A.M.I.C.E., A.M.I.M.E.

Sanitary Inspector :

E. W. FRANCIS, M.R.S.I., M.S.I.A. (Meat Certificate).

Shops Inspector :

E. W. FRANCIS, Sanitary Inspector.

Food and Drugs Inspector for the Area :

D. R. WATKINS, Esq.

Public Health Department Clerks :

G. GRIFFITHS.

Miss M. DAVIES.



## STATISTICS AND SOCIAL CONDITIONS OF THE AREA

The Carmarthen Urban District Authority is comprised of the Parish of St. Peter's and is 5,223 acres in extent. As a result of local authority and private house construction the area is now essentially an urban one although the outskirts of the town still remain essentially rural in character.

### Population, Rateable Value, etc.

The estimated mid-year Home-Population given by the Registrar-General for 1952 is 11,910.

The number of inhabited dwellings at the end of the year according to the Rate Book :—

Houses .....	.....	3203
Hutted Camps .....	.....	100

The rateable value of the Borough is £68,609 and the sum represented by a penny rate is £275.

### Social Conditions

Carmarthen is a very old borough ; it is the county town of Carmarthenshire and is an agricultural centre. Due to its geographical situation, it is the hub of the county and an important centre, especially from a road communication point of view. Furthermore, it has become the main agricultural marketing centre for West Wales. The increasing importance and the growth of the cattle marts held in the town necessitated the construction of a modern cattle market, and this was opened on 1st April, 1952. The cattle market is entirely devoted to the sale of Tuberculin Tested cattle and no other type of beast is sold within its precincts. This new cattle market, with its modern design and excellent construction, will undoubtedly greatly enhance the already high repute of the cattle marts held in the agricultural world.

There has been no special industrial development during the year. The Dried Milk Products have a large factory established within the Borough boundary, and this factory receives on an average 40,000 gallons of milk daily. For six months of the year this milk is manufactured into the Dried Milk Products and Sterilized Tinned Milk, and for the other six months it is transported to the South Wales Valleys and London as liquid milk. Not only is this industry a well established one but it appears to be expanding.

The main occupations are associated with agriculture, the railway, shop assistants, clerical work, garage workers and commercial travellers. There are a few mine workers living in the Borough who work outside the area.



**Vital Statistics**

		Total.	M.	F.	Birth rate per 1,000 estimated home population.
Live (Legitimate) .....		132	66	66 }	11.25
Births (Illegitimate) .....		2	—	2 }	

The Registrar-General provides us with a factor, which assists in converting the crude birth-rate into a standardised birth-rate which enables a comparison of the birth-rate in the Borough with that in other areas to be made. The factor given is 1.03 and the standardised birth-rate hence becomes 11.58.

**Birth rate comparison with other areas**

				Birth-rate.
Borough of Carmarthen .....	.....	.....	.....	11.58
England and Wales .....	.....	.....	.....	15.3
160 County Boroughs and Great Towns (including London) .....	.....	.....	.....	16.9
160 Smaller Towns .....	.....	.....	.....	15.5
London Administrative County .....	.....	.....	.....	17.6

	Total.	M.	F.	Rate per 1,000 (Live and Still Births).
Still Births .....	4	1	3	28.98

The Still-Birth rate per 1,000 Home Population—0.34.

For comparison purposes with the still-birth rates in other areas the rate of 28.98 per 1,000 total (Live and Still Births) becomes 29.84 and the rate of 0.34 per 1,000 estimated home population becomes 0.35, i.e., after taking into account the comparability factor given by the Registrar-General.

**Still-Birth rate comparison with other areas**

		Still-Birth rate per 1,000 estimated home population.	Still-Birth rate per 1,000— Total (Live and Still Births).
Borough of Carmarthen .....	.....	0.35	29.84
England and Wales .....	.....	0.35	22.6
160 County Boroughs and Great Towns (including London) .....	.....	0.43	24.6
160 Smaller Towns .....	.....	0.36	23.0
London Administrative County .....	.....	0.34	19.2

					Rate per 1,000 estimated home population.
Deaths	.....	Total.	M.	F.	
		144	87	57	12.09

The Registrar-General provides us with a factor, which assists in converting the crude death-rate into a standardised death-rate which enables a comparison of the death-rate in the Borough with that in other areas to be made. The factor given is 1.06 and the standardised death rate hence becomes 12.81.

#### Death rate comparison with other areas

	Death rate.
Borough of Carmarthen .....	12.81
England and Wales .....	11.3
160 County Boroughs and Great Towns (including London) .....	12.1
160 Smaller Towns .....	11.2
London Administrative County .....	12.6

#### Infant Mortality

Deaths of infants under one year of age (M. 2 ; F. 0) .....	2
Live births during the year (Legitimate and Illegitimate) .....	134
Death rate of all infants per 1,000 live births .....	14.93
Death rate of Legitimate infants per 1,000 Legitimate live births .....	15.15
Death rate of Illegitimate infants per 1,000 Illegitimate live births .....	0.00

On taking into account the comparability factor of 1.06 provided by the Registrar-General which enables a comparison of the death-rate in the Borough with that in other areas to be made, the death-rate of infants under the age of one year in the Borough becomes 15.82.

#### Comparison of Infant Mortality Rates

Borough of Carmarthen .....	15.82
England and Wales .....	27.6
160 County Boroughs and Great Towns (including London) .....	31.2
160 Smaller Towns .....	25.8
London Administrative County .....	23.8

**Causes of Infant Deaths**

Broncho Pneumonia	.....	.....	.....	1
Prematurity	.....	.....	.....	1

**Ages at which Infant Deaths occurred**

1 day to 2 days	.....	.....	.....	1
1 month to 2 months	.....	.....	.....	1

**Maternal Deaths**

One maternal death occurred during the year.

## CAUSES OF DEATHS, 1952

Causes of Deaths.	Males.	Females.	Total.	Death rate per 1,000 Home Population.
Tuberculosis (Respiratory) .....	1	2	3	0.2518
Tuberculosis (Other) .....	—	1	1	0.0839
Syphilitic disease .....	—	—	—	—
Diphtheria .....	—	—	—	—
Whooping Cough .....	1	—	1	0.0839
Meningococcal infections .....	—	—	—	—
Acute poliomyelitis .....	—	—	—	—
Measles .....	—	—	—	—
Other infective and parasitic diseases .....	—	—	—	—
Malignant neoplasm, stomach .....	9	1	10	0.8396
Malignant neoplasm, lung, bronchus .....	2	—	2	0.1679
Malignant neoplasm, breast .....	—	3	3	0.2518
Malignant neoplasm, uterus .....	—	—	—	—
Other malignant and lymphatic neoplasms .....	4	5	9	0.7556
Leukaemia, aleukaemia .....	1	1	2	0.1679
Diabetes .....	—	1	1	0.0839
Vascular lesions of nervous system .....	10	10	20	1.6792
Coronary disease, angina .....	19	4	23	1.9311
Hypertension with heart disease .....	1	1	2	0.1679
Other heart disease .....	14	13	27	2.2670
Other circulatory disease .....	9	5	14	1.1754
Influenza .....	—	1	1	0.0839
Pneumonia .....	3	—	3	0.2518
Bronchitis .....	2	—	2	0.1679
Other diseases of respiratory system .....	1	—	1	0.0839
Ulcer stomach and duodenum .....	3	—	3	0.2518
Gastritis, enteritis and diarrhoea .....	—	—	—	—
Nephritis and nephrosis .....	—	—	—	—
Hyperplasia of prostate .....	1	—	1	0.0839
Pregnancy, child-birth, abortion .....	—	1	1	0.0839
Congenital malformations .....	—	—	—	—
Other defined and ill-defined diseases .....	1	7	8	0.6717
Motor vehicle accidents .....	—	—	—	—
All other accidents .....	5	1	6	0.5037
Suicide .....	—	—	—	—
Homicide and operations of war .....	—	—	—	—
Total .....	87	57	144	12.09

## Cancer

During the year twenty-four persons died from Cancer. The age group affected are as follows :—

40—45 years	.....	.....	.....	1
45—50 years	.....	.....	.....	2
50—55 years	.....	.....	.....	1
55—60 years	.....	.....	.....	3
60—65 years	.....	.....	.....	4
65—70 years	.....	.....	.....	3
70—75 years	.....	.....	.....	7
75 years and over.....	.....	.....	.....	3
Total .....				24

## Cancer—Parts of the Body Involved

	No. of cases.			Total.
	M.	F.		
Malignant neoplasm—stomach	..... 9	..... 1	.....	10
Malignant neoplasm—lung, bronchus	..... 2	..... —	.....	2
Malignant neoplasm—breast	..... —	..... 3	.....	3
Malignant neoplasm—uterus	..... —	..... —	.....	—
Other malignant and lymphatic neoplasms	4	..... 5	.....	9
				24

## GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

### Laboratory Facilities

In the investigation and control of infectious disease the facilities available at the Public Health Laboratory Service at Penlan Road are invaluable. The services so readily given by Dr. W. Kwantes, the Director of the Laboratory, are very much appreciated, and I cannot speak too highly of his ready co-operation.

### Ambulance Facilities

This service is under the control of the County Council, and the Station in the Borough of Carmarthen is one of the links in the County Scheme which serves the whole County.



## **Hospital Accommodation**

### **Infectious Diseases**

The Infectious Diseases Hospital is situated at Upper Tumble, Nr. Llanelly, and is under the control of the Regional Hospital Board.

### **General Hospital Facilities**

Hospital facilities are available at Priory Street and at Glangwili, and both hospitals are known as the West Wales General Hospital. The hospital provides treatment for general medical and surgical diseases for the whole of the West Wales area.

There is still a need for additional accommodation for the nursing of the chronic sick and aged, and it is to be hoped that in the near future the Welsh Regional Hospital Board will see its way clear to provide this accommodation.

### **Maternity**

Considering the demand for beds at the Maternity Unit a satisfactory service was, on the whole, provided for the inhabitants of the Borough. This Unit continues to admit all expectant mothers living in huttred camps and those living in unsatisfactory home conditions, and their co-operation in this matter has been much appreciated.

### **Venereal Diseases**

The Regional Hospital Board is responsible for the treatment of Venereal Disease. There are no clinics in the Borough, the nearest being at Llanelly.

## **SANITARY CIRCUMSTANCES OF THE AREA**

### **Administration of the Factories Acts, 1937 and 1948**

Duties of the Sanitary Authority under the Factories Acts have been carried out by the Sanitary Inspector as part of his routine work, and a close liaison has been maintained with the Inspector of Factories.

## PART I OF THE ACT.

### 1. Inspections for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises. (1)	M/c line No. (2)	Number on Register. (3)	Number of			M/c line No. (7)
			Inspections. (4)	Written notices. (5)	Occupiers prosecuted. (6)	
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities .....	1	31	31	Nil.	Nil.	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority .....	2	82	82	Nil.]	Nil.	2
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) .....	3	2	2	Nil.	Nil.	3
Total .....		115	115	Nil.	Nil.	



# CASES IN WHICH DEFECTS WERE FOUND.

Particulars. (1)	M/c line No. (2)	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted. (7)	M/c line No. (8)
		Found. (3)	Remedied. (4)	Referred			
				To H.M. Inspector. (5)	By H.M. Inspector. (6)		
Want of Cleanliness (S.1) ....	4	Nil	Nil	Nil	Nil	Nil	4
Overcrowding (S.2) ....	5	Nil	Nil	Nil	Nil	Nil	5
Unreasonable temperature (S.3)	6	Nil	Nil	Nil	Nil	Nil	6
Inadequate ventilation (S.4) ....	7	Nil	Nil	Nil	Nil	Nil	7
Ineffective drainage of floors (S.6)	8	Nil	Nil	Nil	Nil	Nil	8
Sanitary Conveniences (S.7) :—							
(a) insufficient ....	9	1	1	Nil	1	Nil	9
(b) Unsuitable or defective	10	Nil	Nil	Nil	Nil	Nil	10
(c) Not separate for sexes	11	Nil	Nil	Nil	Nil	Nil	11
Other offences against the Act (not including offences relating to Out- work) ....	12	Nil	Nil	Nil	Nil	Nil	12
Total	60	1	1	Nil	1	Nil	60

**PART VIII OF THE ACT.**  
**OUTWORK.**

(Sections 110 and 111).

Nature of Work. (1)	M/c line No. (2)	SECTION 110.			SECTION 111.			M/c line No. (9)
		No. of outwork- ers in August List required by Sect. 110 (1) (c) (3)	No. of cases of default in send- ing lists to the Council. (4)	No. of prosecu- tions for failure to supply lists. (5)	No. of instances of work in un- wholesome premises. (6)	Notices served. (7)	Prosecutions. (8)	
Wearing apparel :—	13	2	Nil	Nil	Nil	Nil	Nil	13
Making, etc. ....	14	Nil	Nil	Nil	Nil	Nil	Nil	14
Cleaning and washing	15	Nil	Nil	Nil	Nil	Nil	Nil	15
Household linen ....	16	Nil	Nil	Nil	Nil	Nil	Nil	16
Lace, lace curtains and nets	17	Nil	Nil	Nil	Nil	Nil	Nil	17
Curtains and furniture hangings	18	Nil	Nil	Nil	Nil	Nil	Nil	18
Furniture and upholstery	19	Nil	Nil	Nil	Nil	Nil	Nil	19
Electro-plate ....	20	Nil	Nil	Nil	Nil	Nil	Nil	20
File making ....	21	Nil	Nil	Nil	Nil	Nil	Nil	21
Brass and brass articles	22	Nil	Nil	Nil	Nil	Nil	Nil	22
Fur pulling ....	23	Nil	Nil	Nil	Nil	Nil	Nil	23
Iron and steel cables and chains	24	Nil	Nil	Nil	Nil	Nil	Nil	24
Iron and steel anchors and grapnels ....	25	Nil	Nil	Nil	Nil	Nil	Nil	25
Cart gear ....	26	Nil	Nil	Nil	Nil	Nil	Nil	26
Locks, latches and keys	27	Nil	Nil	Nil	Nil	Nil	Nil	27
Umbrellas, etc. ....	28	Nil	Nil	Nil	Nil	Nil	Nil	28
Artificial flowers ....	29	Nil	Nil	Nil	Nil	Nil	Nil	29
Nets, other than wire nets								

Nature of Work. (1)	M/c line No. (2)	SECTION 110.			SECTION 111.			M/c line No. (9)
		No. of outwork- ers in August List required by Sect. 110 (1) (c) (3)	No. of cases of default in send- ing lists to the Council. (4)	No. of prosecu- tions for failure to supply lists. (5)	No. of instances of work in un- wholesome premises. (6)	Notices served. (7)	Prosecutions. (8)	
Tents .....	30	Nil	Nil	Nil	Nil	Nil	Nil	30
Sacks .....	31	Nil	Nil	Nil	Nil	Nil	Nil	31
Racquet and tennis balls .....	32	Nil	Nil	Nil	Nil	Nil	Nil	32
Paper bags .....	33	Nil	Nil	Nil	Nil	Nil	Nil	33
The making of boxes or other receptacles or parts thereof made wholly or partially of paper .....	34	Nil	Nil	Nil	Nil	Nil	Nil	34
Brush making .....	35	Nil	Nil	Nil	Nil	Nil	Nil	35
Pea picking .....	36	Nil	Nil	Nil	Nil	Nil	Nil	36
Feather sorting .....	37	Nil	Nil	Nil	Nil	Nil	Nil	37
Carding, etc., of buttons, etc. ....	38	Nil	Nil	Nil	Nil	Nil	Nil	38
Stuffed toys .....	39	Nil	Nil	Nil	Nil	Nil	Nil	39
Basket making .....	40	Nil	Nil	Nil	Nil	Nil	Nil	40
Chocolates and sweetmeats .....	41	Nil	Nil	Nil	Nil	Nil	Nil	41
Cosaques, Christmas crackers, Christmas stockings, etc. ....	42	Nil	Nil	Nil	Nil	Nil	Nil	42
Textile weaving .....	43	Nil	Nil	Nil	Nil	Nil	Nil	43
Lampshades .....	44	Nil	Nil	Nil	Nil	Nil	Nil	44
Total .....	70	2	Nil	Nil	Nil	Nil	Nil	70

## SAMPLING OF WATER SUPPLIES

Results of samples taken during the year are as follows :—

Source.	Result.
Borough Supply (Municipal Buildings, John Street) .....	Satisfactory.
Borough Supply (47, St. David's Avenue) .....	Satisfactory.
Borough Supply (Municipal Buildings, John Street) .....	Satisfactory.
Borough Supply (47, St. David's Avenue) .....	Satisfactory.
Borough Supply (47, St. David's Avenue) .....	Satisfactory.
Borough Supply (Municipal Buildings, John Street) .....	Unsatisfactory.
Borough Supply (47, St. David's Avenue) .....	Satisfactory.
Borough Supply (Municipal Buildings, John Street) .....	Unsatisfactory.
Borough Supply (Cwmtawel Pumping Station) .....	Unsatisfactory.
Borough Supply (Cwmoernant) .....	Unsatisfactory.
Borough Supply (47, St. David's Avenue) .....	Satisfactory.
Borough Supply (The Shire Hall) .....	Unsatisfactory.
Borough Supply (Municipal Buildings, John Street) .....	Unsatisfactory.
Borough Supply (47, St. David's Avenue) .....	Unsatisfactory.
Borough Supply (Cwmoernant) .....	Satisfactory.
Borough Supply (Municipal Buildings, John Street) .....	Unsatisfactory.
Borough Supply (Cwmoernant) .....	Unsatisfactory.
Borough Supply (Municipal Buildings, John Street) .....	Satisfactory.
Borough Supply (47, St. David's Avenue) .....	Satisfactory.
Borough Supply (Cwmoernant) .....	Unsatisfactory.
Borough Supply (Municipal Buildings, John Street) .....	Satisfactory.
Borough Supply (47, St. David's Avenue) .....	Satisfactory.
Borough Supply (47, St. David's Avenue) .....	Satisfactory.
Borough Supply (Municipal Buildings, John Street) .....	Unsatisfactory.
Borough Supply (Cwmoernant) .....	Unsatisfactory.
Borough Supply (Cwmtawel Reservoir) .....	Unsatisfactory.
Borough Supply (Gwili River).....	Unsatisfactory.
Borough Supply (Cwmoernant) .....	Unsatisfactory.
Borough Supply (47, St. David's Avenue) .....	Satisfactory.
Borough Supply (Municipal Buildings, John Street) .....	Satisfactory.

Although during the year it was not found necessary to abstract water from the River Gwili the necessary facilities for abstraction and treatment of the supply were available.

It is not possible to forecast whether or no water will have to be abstracted—it depends on the amount of rainfall over varying periods of the year—and it is therefore essential that a purification plant to ensure the safety of the water is available. The question of safety of the water supply has been given careful consideration by the Borough Engineer and myself. The matter was very carefully discussed with the representative of a firm specialising in plants for purification of water supplies. As members of the Council will recollect a very comprehensive report was placed before them, and a scheme submitted to the Welsh Board of Health for its approval.

I must stress the fact that the implementation of this scheme is urgent as the present method of control is in my opinion rather haphazard. Every endeavour should be made for this scheme to be implemented without delay.



The Borough Engineer and Surveyor reports as follows :—

### 1. Water Supply

(a) The water supply for the whole area of supply has been satisfactory in quantity.

(b) There has been no evidence of contamination of any supply.

(c) Details of water connections :—

Dwelling houses (including hutted camps)	.....	2970
Houses and Shops.....	.....	171
Hotels and Public Houses	.....	54
Garages, Offices, Stores, etc.	.....	271
Shops	.....	69
Schools, Churches, Chapels	.....	44

(i) Population supplied by house connections 10280

(ii) Population supplied by Standpipes ..... 550

This excludes St. David's Hospital where there is a private supply, with a population of approximately 1,000.

(d) Watermains to Ring Road Extension No. 2 for 98 houses now in course of erection.

A main scraping programme similar to previous years carried out 2,500 yards being treated.

### 2. Sewerage and Sewage Disposal

Sewers to Ring Road Extension No. 2, as above for 98 houses.

### 3. Housing (Position at 31st December, 1952)

Ring Road Site :

Houses occupied	.....	52
Flats occupied	.....	16

Crispin Housing Site :

Houses occupied	.....	8
Flats occupied	.....	4
Houses in course of erection	.....	24
Flats in course of erection	.....	12

Bronwydd Road Temporary Accommodation (Hutted Camp) :

Dwellings occupied	.....	25
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Ystrad Tywi Temporary Accommodation (Hutted Camp) :

Dwellings occupied	.....	72
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### 4. Housing Act, 1949

No. of applications received for Improvement Grant	2
No. of these applications finally approved	None
No. of these applications disapproved	2

Numbers of all cases of Infectious and other Notifiable Diseases originally notified during the year 1952, and of the final numbers according to Sex and Age after Corrections subsequently made either by the Notifying Medical Practitioner or by the Medical Superintendent of the Infectious Diseases Hospital.

	Scarlet Fever.		Whooping Cough.		Acute Poliomyelitis		Measles (excluding rubella).		Diphtheria.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Numbers originally notified										
Total (all ages) .....	7	10	13	10	—	—	14	23	—	—
Final numbers after correction :										
Under 1 year .....	—	—	1	—	—	—	—	2	—	—
1—2 years .....	1	—	4	1	—	—	—	2	—	—
3—4 years .....	2	2	2	4	—	—	5	4	—	—
5—9 years .....	3	7	6	3	—	—	8	14	—	—
10—14 years .....	1	—	—	1	—	—	—	—	—	—
15—24 years .....	—	—	—	—	—	1	—	—	—	—
25 and over .....	—	1	—	—	—	1	—	—	—	—
Age unknown .....	—	—	—	1	—	—	1	—	—	—
Total (All Ages) .....	7	10	13	10	—	—	14	22	—	—





	Paratyphoid fevers.		Erysipelas.		Meningococcal infection.		Food poisoning.	
	M.	F.	M.	F.	M.	F.	M.	F.
<b>Numbers originally notified : Total (All Ages)</b> .....	3	3	—	—	1	—	1	—
<b>Final numbers after correction :</b>								
Under 5 years .....	1	—	—	—	—	—	1	—
5—14 years .....	—	—	—	—	—	—	—	—
15—44 years .....	1	1	—	—	—	—	—	—
45—64 years .....	—	2	—	—	—	—	—	—
65 and over .....	1	—	—	—	—	—	—	—
Age unknown .....	—	—	—	—	—	—	—	—
<b>Total (All Ages) .....</b>	3	3	—	—	—	—	1	—

  

Other notifiable diseases.	Originally Notified.		Final numbers after corrections.	
	M.	F.	M.	F.
Puerperal pyrexia .....	—	2	—	2
Ophthalmia neonatorum .....	—	—	—	—

## INFECTIOUS DISEASES

### Diphtheria

No case of Diphtheria occurred during the year.

Once again I feel I must emphasise the word of warning given by me last year regarding immunisation against diphtheria. Parents are still tending to treat the seriousness of this disease lightly, especially as it is some years now since we had a case of diphtheria in the Borough.

As stated last year the present state of freedom from Diphtheria is entirely due to the immunisation which has taken place during the last eleven years, but if the state of immunity of the child population is permitted to fall then Diphtheria will occur again. I cannot stress too strongly the need for the immunisation of all children and also the value of the "booster" or "re-inforcing" doses at five or eight years of age.

### Infantile Paralysis

During the year four cases of infantile paralysis occurred. The four cases in question were all males, aged  $8\frac{1}{2}$  years, 9 years, 23 and 28 years. The four cases were of the non-paralytic type. Three of the patients were removed for treatment to the West Wales Isolation Hospital, Upper Tumble, Llanelly, the other one to Hill House Hospital, Swansea, and all made an uninterrupted recovery.

### Food Poisoning

One isolated case of salmonella enteritis occurred during the year, the case in question being a male child aged one year.

Despite exhaustive investigations the source of origin of the infection was not found.

### Paratyphoid

During the year six cases of paratyphoid occurred, five of whom were inmates of the St. David's Hospital. Of these five cases, four were in a carrier state and showed no symptoms of the disease. One of these four cases was a persistent and chronic carrier and the other three were intermittent carriers. The remaining case at St. David's Hospital was that of a patient who had been ill a few weeks previous to her admission, and in all probability had suffered from an attack of paratyphoid fever—she was not a resident of the Borough.

After careful consultation and investigation with the Medical Superintendent of the St. David's Hospital, nothing of interest in relation to food preparation or storage, etc., was found, and every precaution was taken to control these carriers in order to prevent further spread of the infection.

The other case was that of a child aged five months. The child was removed to the West Wales Isolation Hospital, Upper Tumble, Llanelly, and made an uninterrupted recovery. No possible source of infection, such as contaminated foodstuff was discovered, as the child had only been fed on dried milk.

### IMMUNISATION AGAINST DIPHTHERIA

The following statistics have been received from the County Medical Officer of Health relative to children in the Borough immunised during the year :—

Children aged 0—4 years who completed full primary course—100.  
 Children aged 5—14 years who completed full primary course— 0  
 Number who received a “ re-inforcing ” injection—3.

### SCHOOLS

The Local Education Authority is the County Council. There are 6 Primary Schools (9 Departments) and 2 Secondary Schools within the Borough.

### Schools closed on account of Infectious Diseases

No Schools were closed on account of Infectious Diseases during the year.

### TUBERCULOSIS.

	MALES.		FEMALES.		Total
	Pul-monary.	Non-Pul-monary	Pul-monary	Non-Pul-monary	
Number of cases of Tuberculosis on the Register at the commencement of the year .....	49	7	30	11	97
Number of cases notified under the Tuberculosis Regulations for the first time during the year .....	12	2	7	1	22
Number of cases restored to the Register having been removed previously .....	—	—	—	—	—
Number of cases added to the Register and brought to notice otherwise than by formal notification .....	2	—	3	—	5
Number of cases removed from the Register during the year.....	6	—	3	1	10
Number of cases remaining on the Register at the end of the year, 1952 .....	57	9	37	11	114

## NEW CASES OF, AND MORTALITY FROM TUBERCULOSIS, 1952.

Age Period in Years.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1 .....	—	—	—	—	—	—	—	—
1—5 .....	—	1	—	—	—	—	—	—
5—15 .....	1	—	—	—	—	—	—	1
15—25 .....	2	3	—	1	—	—	—	—
25—35 .....	2	1	2	—	—	1	—	—
35—45 .....	3	3	—	—	—	—	—	—
45—55 .....	4	1	—	—	—	—	—	—
55—65 .....	1	—	—	—	1	—	—	—
65—75 .....	1	1	—	—	—	1	—	—
75 and over .....	—	—	—	—	—	—	—	—
Totals .....	14	10	2	1	1	2	—	1

### Rate per 1,000 Home Population of Notifications and Deaths.

Year.	Notifications (New Cases).	Deaths.
1947	1.96	0.78
1948	1.12	0.32
1949	1.91	0.79
1950	2.21	0.47
1951	1.74	0.33
1952	2.27	0.33

During the year 27 new cases of tuberculosis were notified. Nineteen of these cases occurred in persons under the age of 45 years, and the actual number of these cases in their age groups was as follows :—

1—5 years	.....	.....	.....	1 case.
5—15 years	.....	.....	.....	1 case.
15—25 years	.....	.....	.....	6 cases.
25—35 years	.....	.....	.....	5 cases.
35—45 years	.....	.....	.....	6 cases.

Hospital facilities for the treatment of persons suffering from Tuberculosis is still inadequate, not so much from the accommodation point of view but particularly from the lack of nursing staff.

A proportion of all new houses (one in every eight) was allocated for purposes of housing a tuberculous person needing accommodation. This distribution of houses to such persons was under the



direct and personal control of the Medical Officer of Health, and many points, e.g. acuteness of disease, potential infection of children, inadequate and insanitary condition of present accommodation, were taken into consideration in determining the priority of allocation. This allocation of houses for persons suffering from this disease has eased considerably the burden which they suffer, and in particular, it has greatly assisted convalescence upon discharge from hospital treatment. Very often in the past a return to old, insanitary and overcrowded surroundings tended to undo all the good the treatment in hospital had done.

### **Milk and Dairies Regulations, 1949**

The enforcement of the Milk and Dairies Regulations, 1949 is now the duty of the Ministry of Agriculture and Fisheries, but the Local Authority carries out the supervision of milk vendors.

### **ICE-CREAM**

As during the previous year the manufacture and sale of Ice-Cream in the Borough has been carried out in accordance with the Ice-Cream (Heat Treatment, etc.) Regulations, 1947 to 1952. The premises of Ice-Cream retailers and manufacturers are regularly visited and supervised, and samples are taken to ascertain the purity of the supplies. The results of samples taken were on the whole satisfactory.

The number of Ice-Cream retailers in the Borough at the end of the year was 44, and there were 3 Ice-Cream manufacturers.

### **NATIONAL ASSISTANCE ACT, 1948**

As during the previous year no case called for action to be taken by the Borough Council under Section 47 of the above Act, i.e., removal to suitable premises of a person in need of care and attention.

### **SANITARY INSPECTION OF THE AREA.**

#### **GENERAL SANITATION.**

Nature of Visit or Inspection.				No. of Visits.
Water Supplies	.....	.....	.....	12
Drainage	.....	.....	.....	42
Offensive Trades	.....	.....	.....	1
Tents, Vans, Sheds	.....	.....	.....	1
Bakehouses	.....	.....	.....	11
Public Conveniences	.....	.....	.....	24
Refuse Collection	.....	.....	.....	2
Refuse Disposal	.....	.....	.....	—
Rats and Mice	.....	.....	.....	352
Schools	.....	.....	.....	—
Miscellaneous Sanitary Visits	.....	.....	.....	111

**HOUSING.**

Nature of Visit or Inspection.	No. of Visits.
<b>Under Public Health Acts.</b>	
Number of houses inspected .....	47
Visits paid to above houses .....	51
<b>Under Housing Acts.</b>	
Number of houses inspected .....	—
Visits paid to above houses .....	—
<b>Overcrowding.</b>	
Number of houses inspected .....	44
Visits paid to above houses .....	44
<b>Verminous Premises.</b>	
Number of houses inspected .....	2
Visits paid to above houses .....	2
Miscellaneous housing visits .....	211

**INFECTIOUS DISEASES.**

Inquiries in cases of Infectious Disease .....	24
Miscellaneous Infectious Disease Visits .....	—
No. of rooms disinfected .....	15
No. of times Steam Disinfector used .....	—

**MEAT AND FOOD INSPECTION.****Inspection of Meat and Meat Shops.**

Nature of Visit or Inspection.	No. of Visits.
No. of Slaughterhouses in area .....	1
No. of Slaughterhouses visited .....	1
No. of visits made to above Slaughterhouse .....	190
No. of visits to butchers .....	9
No. of visits to Shops and Stalls .....	107

**Foodstuffs condemned by the Sanitary Inspector at Shops, etc.**

(excluding the Slaughterhouse) :

Tinned Vegetable Products .....	2,229 tins
Tinned Fruit Products .....	2,198 tins
Tinned Milk Products .....	346 tins
Tinned Fish Products .....	68 tins
Tinned Meat Products .....	1,042 tins
Cod Fillets .....	8 stone

Frozen Lamb Livers	.....	.....	.....	20 lbs.
Liver Sausage	.....	.....	.....	13 lbs.
Kippers	.....	.....	.....	6 stone
Bacon	.....	.....	.....	9 lbs.
Ham	.....	.....	.....	115 lbs.
Minced Beef	.....	.....	.....	22 lbs.
Sausages	.....	.....	.....	142 lbs.
Oats	.....	.....	.....	8 lbs.
Biscuits	.....	.....	.....	12 lbs.
Cheese	.....	.....	.....	18 lbs.
Cornflour	.....	.....	.....	28 lbs.
Custard Powder	.....	.....	.....	28 lbs.
Pineapple Crush	.....	.....	.....	48 doz. bottles
Processed Cheese	.....	.....	.....	48 Cartons
Fish Cakes	.....	.....	.....	62
Ice-Cream Cones	.....	.....	.....	1,500
Sausage Rolls	.....	.....	.....	172

#### Ice Cream Premises :

No. of visits for purposes of inspection and sampling	.....	.....	.....	27
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#### Milk and Dairies Regulations, 1949:

No. of retail purveyors in area	.....	.....	8
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#### NOTICES SERVED.

##### Under the Housing Acts.

No. of informal notices served	.....	.....	Nil.
No. of informal notices complied with	.....	.....	Nil.
No. of formal notices served	.....	.....	Nil.
No. of formal notices complied with	.....	.....	Nil.

##### Under the Public Health Acts.

No. of informal notices served	.....	.....	15
No. of informal notices complied with	.....	.....	9
No. of formal notices served	.....	.....	6
No. of formal notices complied with	.....	.....	5

#### HOUSING.

##### 1. Inspection of dwelling houses during the year.

Nature of Visit or Inspection.	No. of Visits.
(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	201
(b) Number of Inspections made for the purpose	201



Nature of Visit or Inspection.	No. of Visits.
(2) (a) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing (Consolidated) Regulations, 1925 .....	43
(b) Number of inspections made for the purpose .....	43
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .....	11
(4) Number of dwelling houses (exclusive to those referred to under the preceding sub-head) found not to be in all respect reasonably fit for human habitation .....	29
<b>2. Remedy of defects during the year without Service of formal Notices.</b>	
Number of defective dwelling houses rendered fit in consequence of informal action by the local authority or their officers .....	41
<b>3. Action under Statutory Powers during the year.</b>	
<b>A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.</b>	
(1) Number of dwelling houses in respect of which notices were served requiring repairs .....	Nil.
(2) Number of dwelling houses which were rendered fit after service of formal notices :—	
(a) by owners .....	Nil.
(b) by Local Authority in default of owners .....	Nil.
<b>B.—Proceedings under Public Health Acts.</b>	
(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied .....	15
(2) Number of dwelling houses in which defects were remedied after service of formal notices :—	
(a) by owners .....	15
(b) by Local Authority in default of owners .....	Nil.

C.—Proceedings under Section II and 13 of the Housing Act, 1936.

- |   |       |       |      |
|---|-------|-------|------|
| (1) Number of dwelling houses in respect of which Demolition Orders were made | ..... | ..... | Nil. |
| (2) Number of dwelling houses demolished in pursuance of Demolition Orders    | ..... | ..... | Nil. |

D.—Proceedings under Section 12 of the Housing Act, 1936.

- |  |       |       |       |      |
|--|-------|-------|-------|------|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made   | ..... | ..... | ..... | Nil. |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or rooms having been rendered fit | ..... | ..... | ..... | Nil. |

4. Housing Act, 1936—Part IV.—Overcrowding.

- |     |  |       |       |       |     |
|-----|--|-------|-------|-------|-----|
| (a) | (i) Number of dwellings overcrowded at the end of the year       | ..... | ..... | ..... | 173 |
|     | (ii) Number of families dwelling therein                         | ..... | ..... | ..... | 204 |
|     | (iii) Number of persons dwelling therein                         | ..... | ..... | ..... | 611 |
| (b) | (i) Number of new cases of overcrowding reported during the year | ..... | ..... | ..... | 17  |
| (c) | (i) Number of cases of overcrowding relieved during the year     | ..... | ..... | ..... | 11  |

## CARCASSES INSPECTED AND CONDEMNED.

	Cattle, including Cows.	Calves.	Sheep and Lambs.	Pigs.
Number killed, if known .....	1581	3746	7095	1172
Number inspected .....	1581	3746	7095	1172
<b>ALL DISEASES EXCEPT TUBERCULOSIS.</b>				
Whole carcasses condemned	29	64	12	3
Carcasses of which some part or organ was condemned	526	7	227	15
Percentage of the number inspected affected with disease other than T.B.	35.1%	1.89%	3.36%	1.53%
<b>TUBERCULOSIS ONLY.</b>				
Whole carcasses condemned .....	14	—	—	1
Carcasses of which some part or organ was condemned	159	—	—	44
Percentage of the number inspected affected with T.B. ....	10.94%	—	—	3.84%

As in former years the Sanitary Inspectors employed by the Rural District Council assist in the inspection of meat at the Borough Slaughterhouse. A satisfactory rota system has been worked out whereby a Sanitary Inspector is always available to carry out meat inspection, even at short notice, e.g. when a beast which has been injured is brought in for slaughtering.

## FOOD AND DRUGS ACT

Mr. D. R. Watkins, Chief Inspector with the County Council, has submitted the following report on work done within the Borough of Carmarthen :—

Total number of samples procured—113.

**Milk**

Official samples of milk submitted to the Public Analyst..... 45  
 All these samples were certified genuine.

Informal samples of milk tested by the sampling officers..... 39  
 Number satisfactory ..... 36  
 Number deficient in fat ..... 3

These informal samples were taken at schools, dairies and hospital canteens, etc., in the Borough. The deficiencies in fat were very small and official samples taken subsequently were found to be satisfactory.

**Miscellaneous Articles of Food and Drugs procured at Shops, etc. :**

Number submitted to the Public Analyst ..... 29  
 Number reported satisfactory ..... 25  
 Number reported unsatisfactory ..... 4

The unsatisfactory samples comprised two Ice-Creams and one each of Oatmeal and Friars' Balsam.

One sample of Ice-Cream was reported to be 18% deficient in fat and 5% deficient in sugar and the other sample 9.4% deficient in fat. When the reports on these samples were received the standards of composition for Ice-Cream were lowered by the Ministry of Food and these samples complied with the lower standards. In these circumstances, it was considered inadvisable to take any action against the manufacturers other than to warn them.

The sample of Friars' Balsam was certified to be 27% deficient in solid matter. The article had been in stock for a long time and it was not possible to trace the manufacturers and no further action could be taken.

The sample of Oatmeal was certified to be in an unsound condition being infested with meal mites. The trader concerned was instructed to withdraw the remaining stock of this article from sale for human consumption.

**The Milk (Special Designation) (Pasteurised and Sterilised Milk)  
 Regulations, 1949**

The creamery in the area authorised by the County Council to sell pasteurised milk was visited regularly during the year and 22 samples of pasteurised milk were taken there. All these samples satisfied the prescribed tests for pasteurised milk.

**AMOUNT OF SHIPPING ENTERING THE PORT  
 SANITARY DISTRICT DURING THE YEAR, 1952**

There is nothing to report under any of the headings.





